Noise Reduction Rating	12 DECIBELS (WHEN USED AS DIRECTED)

THE RANGE OF NOISE REDUCTION RATINGS
FOR EXISTING HEARING PROTECTORS
IS APPROXIMATELY 0 TO 30
(HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

ETYMOTIC RESEARCH, INC.
ELK GROVE VILLAGE, IL 60007

DI 20

Federal law prohibits removal of this label prior to purchase.

EPA

LABEL REQUIRED BY
U.S. E.P.A. REGULATION
40 CFR Part 211, Subpart B.

Frequency in Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation in dB	13.2	15.3	16.7	18.3	20.8	18.3	21.6
Standard Deviation in dB	2.5	2.3	2.2	3.1	2.8	2.0	2.9
APV in dB	10.7	13.0	14.5	15.2	18.0	16.3	18.7

H = 17 dB, M = 16 dB, L = 14 dB, SNR = 18 dB

H: Average attenuation characteristics in the high frequency spectrum (>2 kHz)
M: Average attenuation characteristics in the mid frequency spectrum (0.5-2 kHz)
L: Average attenuation characteristics in the low frequency spectrum (<0.5 kHz)

APV (Assumed Protection Value): Europe

SNR (Single Number Rating): Average attenuation characteristics in the standard frequency spectrum

European Union testing conducted by: CIOP-PIB No.1437, Warsaw, Poland. Attenuation was determined in accordance with EN352.

The level of noise entering a person's ear when a hearing protector is worn as directed is closely approximated by the difference between the A-weighted environmental noise level and the NRR.

Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit. Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the Noise Reduction Rating (NRR) is based on the attenuation of *continuous* noise and may not be an accurate indicator of the protection attainable against *impulsive* noise such as gunfire.

IMPORTANT: di-20 earplugs are reusable. With heavy use the eartips can weaken and could break. Replace every 3-6 months.

CE

ER020670-A

di20™ HIGH-FIDELITY EARPLUGS

REUSABLE HEARING PROTECTION

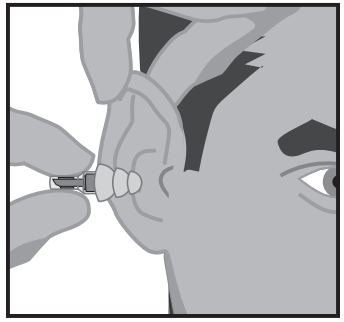
Recommended for use in dental offices.

INCLUDES EARPLUGS, CASE & NECKCORD

General Information

DI-20™ high-fidelity earplugs are reusable. Foam earplugs muffle sound. These earplugs use a unique acoustic construction that produces almost equal sound reduction (20 dB) at all frequencies. All sounds and speech remain clear, just quieter, like turning down the volume.

Insertion



- Before inserting earplugs, make sure they are clean.
- Grasp the endcap between thumb and forefinger.
- To ease insertion, pull the top of the ear outward and upward. (See illustration.)
- Gently push and twist the earplug until the eartip seals in the ear canal.
- Moistening the eartip may ease insertion.

Removal

- Remove with a slow *twisting* motion to gradually break the seal and avoid discomfort.
- After removal, place earplugs in a clean protective case.

Cleaning

- Do not take earplugs apart.
- Clean after each use.
- Wipe clean with a damp cloth as needed.
- Do not immerse earplugs in water.
- Do not clean with harsh chemicals.
- Alcohol is not recommended.

Storage

- Always store earplugs in a clean, protective case.
- Do not store other objects, except a neck cord, in the earplug case.

Warnings

- These earplugs comply with EN-352-2 standard of measurement.
- The triple-flange eartip must be fitted, adjusted and maintained properly, i.e., seal the ear completely to achieve the expected attenuation and hearing protection.
- Use earplugs continuously when noise levels are potentially harmful.
- Make certain that the earplugs provide adequate protection for the noisy environment.
- Regularly inspect the earplugs to assure their continued serviceability.
- Never remove the endcap while the earplugs are in use.
- Failure to follow these warnings may severely reduce the amount of hearing protection provided by the earplugs.
- If a cord is used, take precautions that it does not catch on a nearby object.
- This product may be adversely affected by certain chemical substances.
- Do not clean with harsh chemicals or alcohol.

For additional information,
contact Dental Innovations, 46 Valentine Street Cambridge, MA 02139